EGR 220 Mechanics of Materials  
2008 Spring

Instructor: Jae Hyeuk Suk  
Email: jsuk@sccd.ctc.edu  
Office: SAM 220  
Class: SAM 203 Daily 8:00 ~ 8:50 AM  
Office hours: Monday(Noon ~ 2:30PM), Thursday(Noon ~ 2:30PM), and by appointment  
Course Webpage: http://seattlecentral.edu/faculty/jsuk  
Learning Objectives: Each student should be able to  

- demonstrate a basic working knowledge of the fundamental concepts and problem-solving techniques associated with stress, strain, simple constitutive theory, and with applications involving axial loading, pressure vessels, torsion, and bending, including introductory-level statically indeterminate systems.  
- have accumulated significant practice in solving a variety of application problems.  
- have gained experience in generating and presenting suitable solutions to open-ended problems involving course concepts in combination with other general considerations.  
- be able to carry on technical discussions involving the concepts in the course.  
- have gained experience in addressing engineering problems in the context of working groups.  

Evaluation:  

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>±</th>
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</thead>
<tbody>
<tr>
<td>Homework(11)</td>
<td>20 ± 5 %</td>
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<tr>
<td>Lab(3~4)</td>
<td>15 ± 5 %</td>
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<tr>
<td>Quiz(5)</td>
<td>25 ± 5%</td>
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<tr>
<td>Exam(5)</td>
<td>30 ± 5 %</td>
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